

	Type	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	1	predict\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	
2	BRS	1073	electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	
3	BRS	4	model\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	
4	BRS	0	model\$3 with traning and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:36	
5	BRS	0	network with model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:36	
6	BRS	68	model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
7	BRS	17	network and model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:32	
8	BRS	11	network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:33	
9	BRS	0	train\$3 with network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 15:35	
10	BRS	0	neural with network and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:33	
11	BRS	0	neural with network and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:35	
12	BRS	4	model\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:34	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
13	BRS	3627	702/6,33-36,81-84,113-115,122,123,188.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 16:01	
14	BRS	930	340/679,680.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:56	
15	BRS	283	703/9,10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:57	
16	BRS	121	706/904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:57	
17	BRS	0	neural with network with model with computer with communicat\$3 with train\$3 with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:37	
18	BRS	3	neural with network with model\$1 and computer with communicat\$3 with train\$3 with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:38	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
19	BRS	1322	706/15,23,25,904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:38	
20	BRS	0	neural with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:41	
21	BRS	2	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:41	
22	BRS	2	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with downhole with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:42	
23	BRS	90	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:42	
24	BRS	1	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with pump and neural with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:42	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
25	BRS	4	(evaluat\$3 or vaidat\$3 or predict\$3) with electric\$4 with pump and neural with network\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:43	
26	BRS	1984	706/15,23,25,900-904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:37	
27	BRS	4	model\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:38	
28	BRS	0	neural with network with model\$1 and computer with communicat\$3 and train\$3 with (data or information) with predetermined with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:44	
29	BRS	0	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:44	
30	BRS	34	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:44	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
31	BRS	0	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined with character\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 15:45	
32	BRS	0	neural with network with model\$1 with communicat\$3 with computer and train\$3 with measur\$3 with manipulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 16:23	
33	BRS	2	neural with network with communicat\$3 with computer and train\$3 with measur\$3 with model\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 16:24	
34	BRS	0	(predetermined or preset\$4 or threshold\$1 or desired or reference\$1) with character\$5 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 16:24	
35	BRS	19	character\$5 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 16:27	
36	BRS	0	character\$5 with electric with submersible with pump with application\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 16:27	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
37	BRS	37	electric with submersible with pump with application\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:39	
38	BRS	1	neural with network with predict\$3 with model\$1 and computer with communicat\$3 with train\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:39	
39	BRS	468	neural with network with predict\$3 with model\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:40	
40	BRS	134	neural with network with predict\$3 with model\$1 with train\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:42	
41	BRS	4	neural with network with predict\$3 with model\$1 with train\$3 with measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:43	
42	BRS	52	neural with network with computer\$1 and train\$3 with measured with (data or information) and neural with network with model\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 09:43	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
43	BRS	3	neural with network with computer\$1 with communicat\$3 and train\$3 with measured with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 12:16	
44	BRS	0	(neural with network with computer\$1 with communicat\$3 and train\$3 with measured).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 12:16	
45	BRS	424	(neural with network with model\$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 12:17	
46	BRS	66	(neural with network with model\$1 with computer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 12:21	
47	BRS	16	(neural with network with model\$1 with computer with train\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 12:22	
48	BRS	1904	700/104- 109,110,175,177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/27 12:22	



	Type	Hits	Search Text	DBs	Time Stamp	Comments
49	BRS	4035	709/217,218.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:23	
50	BRS	1422	706/15,23,25,903,904,912.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:25	
51	BRS	4034	700/28,29,104-109,110,175,177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:55	
52	BRS	3811	702/6,9,33-36,81-84,113-115,122,123,188.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:55	
53	BRS	863	166/250.01	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:58	
54	BRS	3873	702/6,33-36,81-84,113-115,122,123,188.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:54	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
55	BRS	4065	702/6,9,33-36,81-84,113-115,122,123,188.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:55	
56	BRS	4199	700/28,29,104-109,110,175,177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:56	
57	BRS	946	340/679,680.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:56	
58	BRS	314	703/9,10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:57	
59	BRS	123	706/904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:57	
60	BRS	4374	709/217,218.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:58	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
61	BRS	2017	706/15,23,25,900-904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:58	
62	BRS	758	166/250.01	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 14:58	
63	BRS	3	predict\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	
64	BRS	1127	electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	
65	BRS	6	model\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:31	
66	BRS	77	model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:32	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
67	BRS	22	network and model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:32	
68	BRS	13	network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:33	
69	BRS	2	train\$3 with network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:33	
70	BRS	2	neural with network and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:34	
71	BRS	6	model\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:34	
72	BRS	2	train\$3 with network and model\$3 and (predict\$3 or evaluat\$3 or validat\$3) and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:35	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
73	BRS	2	neural with network and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:35	
74	BRS	0	model\$3 with traning and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:36	
75	BRS	2	network with model\$3 and electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:36	
76	BRS	1	neural with network with model with computer with communicat\$3 with train\$3 with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:37	
77	BRS	4	neural with network with model\$1 and computer with communicat\$3 with train\$3 with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:38	
78	BRS	1348	706/15,23,25,904.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:38	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
79	BRS	2	neural with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:41	
80	BRS	4	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:41	
81	BRS	2	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with downhole with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:42	
82	BRS	97	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:42	
83	BRS	3	(evaluat\$3 or vaidat\$3 or predict\$3) with electric with pump and neural with network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:42	
84	BRS	6	(evaluat\$3 or vaidat\$3 or predict\$3) with electric\$4 with pump and neural with network\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 15:43	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
85	BRS	1	neural with network with model\$1 and computer with communicat\$3 and train\$3 with (data or information) with predetermined with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 15:44	
86	BRS	1	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined with characteristic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 15:44	
87	BRS	41	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 15:44	
88	BRS	1	neural with network with model\$1 and computer with communicat\$3 and train\$3 with predetermined with character\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 15:48	
89	BRS	6	model\$3 with electric with submersible with pump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/04/26 16:04	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
90	BRS	12	model\$3 with electric\$4 with submersible with pump\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:04	
91	BRS	2	model\$3 with electric\$4 with submersible with pump\$3 and train\$3 with data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:05	
92	BRS	1	neural with network with model\$1 with communicat\$3 with computer and train\$3 with measur\$3 with manipulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:23	
93	BRS	3	neural with network with communicat\$3 with computer and train\$3 with measur\$3 with model\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:24	
94	BRS	2	(predetermined or preset\$4 or threshold\$1 or desired or reference\$1) with character\$5 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:26	
95	BRS	22	character\$5 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:27	



	Type	Hits	Search Text	DBs	Time Stamp	Comments
96	BRS	2	character\$5 with electric with submersible with pump with application\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:27	
97	BRS	39	electric with submersible with pump with application\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/26 16:39	
98	BRS	2017	706/15,23,25,900-904.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:37	
99	BRS	6	model\$3 with electric with submersible with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:38	
100	BRS	2	neural with network with predict\$3 with model\$1 and computer with communicat\$3 with train\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:39	
101	BRS	517	neural with network with predict\$3 with model\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:40	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
102	BRS	150	neural with network with predict\$3 with model\$1 with train\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:42	
103	BRS	5	neural with network with predict\$3 with model\$1 with train\$3 with measured	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:43	
104	BRS	55	neural with network with computer\$1 and train\$3 with measured with (data or information) and neural with network with model\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 09:43	
105	BRS	5	neural with network with computer\$1 with communicat\$3 and train\$3 with measured with (data or information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:16	
106	BRS	0	(neural with network with computer\$1 with communicat\$3 and train\$3 with measured).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:16	.
107	BRS	460	(neural with network with model\$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:17	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
108	BRS	68	(neural with network with model\$1 with computer).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:21	
109	BRS	17	(neural with network with model\$1 with computer with train\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:22	
110	BRS	2034	700/104- 109,110,175,177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:22	
111	BRS	4374	709/217,218.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:23	
112	BRS	1449	706/15,23,25,903,904,912.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:25	
113	IS&R	7	((("20040236555") or ("20030061186") or ("6434542") or ("6421612"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:40	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
114	IS&R	4	((("6434542") or ("6421612"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 13:10	
115	BRS	4	"20040236555" "20030061186"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 12:40	
116	BRS	4167	702/6,33-36,81-84,113- 115,122,123,181,188.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	2005/04/27 16:01	